

10/13/89

800 Mhz Plan Mailing List

NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Labette County Sheriff's Office	Sheriff M. Thomas Bringle	718 Fifth Street	Oswego	KS	67356	
Ottawa Department of Public Safety	Gilford Diamond, Jr.	720 West 2nd Street	Ottawa	KS	66067	
Franklin County Sheriff's Office	Sheriff Rex A. Bowling	305 So. Main	Ottawa	KS	66067	
Ottawa Dept. of Public Safety		PO Box 76	Ottawa	KS	66067	
Editor	MOBILE RADIO TECHNOLOGY	PO Box 12901	Overland Park	KS	66212	
General Electric	Attn: Tom Kearns	10520 Barclay	Overland Park	KS	66212	913 642 9700
Overland Park Fire Department	William H. Harper III	9550 W. 95th	Overland Park	KS	66212	
Overland Park Fire Department	William M Jehnke	9550 West 95th	Overland Park	KS	66212	
Overland Park Fire Department	J. Patrick Mays	3550 West 95th	Overland Park	KS	66212	
Overland Park Police Dept.	Chief of Police	8500 Antioch	Overland Park	KS	66212	
Miami County Sheriff's Office	Shriff Daniel R. Morgan	120 South Pearl	Paola	KS	66071	
Paola Police Dept.	Chief of Police	19 East Peoria	Paola	KS	66071	
Parsons Fire Department	Fire Chief	1819 Washington	Parsons	KS	67357	
Walton Twp Fire Department	John Taggart	5300 West Main	Parsons	KS	67357	
Parsons Police Department	Chief of Police	1819 1/2 Washington	Parsons	KS	67357	
Peabody Fire Department	Duane Unruh	208 West 2nd	Peabody	KS	66866	
Phillips County Sheriff's Office	Sheriff Kenneth D. Patterson	PO Box 177	Phillipsburg	KS	67661	
John Duggan	Pittsburg Police Dept.	2013 S. Locust St.	Pittsburg	KS	66762	
Pittsburg Fire Department	William J. Scott	205 West 7th	Pittsburg	KS	66762	
Pittsburg Police Department	Chief of Police	611 North Pine	Pittsburg	KS	66762	
Consolidated Fire Dept. #2	Johnson County	PO Box 8077	Prarie Village	KS	66208	
Fire District #2, Johnson County	Michael R. Hicks	PO Box 8077	Prarie Village	KS	6208	
Prarie Village Police Dept.	(Mission Hills Police Dept.)	7700 Mission Road	Prarie Village	KS	66208	
Pratt County Sheriff's Office	Sheriff Raymond McGuire	303 South Oak	Pratt	KS	67124	
Pratt Law Enforcement Center	Chief of Police	303 South Oak	Pratt	KS	67124	
Wildlife and Parks	Omar P. Stavlo	RR 2, Box 54A	Pratt	KS	67124	
Quinter Fire Department	Frank Leibham	409 Main Box 555	Quinter	KS	67752	
Quinter Fire Department	Bruce Willson	409 Main	Quinter	KS	67752	
Shawnee Co. Fire Dist	Robert Steh	3301 E. Highway 24	Rossville	KS	66533	
Pam Smith		404 W Jewell St.	Russell	KS	67665	
Russell Fire Department	Earl Hemphill	PO Box 112	Russell	KS	67665	
Russell Fire Department	Sam Schmidt	PO Box 112	Russell	KS	67665	
Russell County Sheriff's Office	Sheriff Robert Balloun	PO Box 332	Russell	KS	67665	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Russell Police Dept.	Chief of Police	PO Box 112	Russell	KS	67665	
Leon Gray		2303 Cunningham Rd.	Salina	KS	67401	
Nancy Hummel		404 W. Walnut St.	Salina	KS	67401	
Salina Fire Department	David J. Robertson	222 West Elm	Salina	KS	67401	
Saline Co. Rural Fire Dist.	Carl Friedrich	808 N. 10th	Salina	KS	67402	
Salina Fire Department	Tom Girard	222 West Elm	Salina	KS	67401	
Saline County Emerg Prep.	Don Rectenwald	PO Box 1465	Salina	KS	67402	
Weiss American Fire Equip.	Gary Weiss	808 N. 10th	Salina	KS	67402	
Saline County Sheriff's Office	Sheriff Darell L. Wilson	PO Box 1606	Salina	KS	67401	
Salina Police Department	Chief of Police	PO Box 1086	Salina	KS	67401	
Satana Fire Department	Rodney Williamson	PO Box 534	Satana	KS	67870	
Scott County Sheriff's Office	Sheriff Alan R. Stewart	301 Court Street	Scott City	KS	67861	
Chautauqua County Sheriff's Office	Sheriff Leonard "Butch" Lewis	215 N. Chautauqua	Sedan	KS	67361	
Wichita Fire Department	Kale A. Kuhn	615 Jefferson	Sedgwick	KS	67135	
Nemaha County Sheriff's Office	Sheriff Albert L. Clark	212 North Sixth	Seneca	KS	66538	
Wallace County Sheriff's Office	Sheriff Raymond Garcia	PO Box 37	Sharon Springs	KS	67758	
Shawnee Fire Department	Frank Engelbrick	6501 Quivira Road	Shawnee	KS	66216	
Shawnee Fire Department	Jim Earthing	6501 Quivira Road	Shawnee	KS	66216	
Shawnee Fire Department	Ron Graham	6501 Quivira Road	Shawnee	KS	66216	
Shawnee Police Dept.	Chief of Police	6536 Quivira Road	Shawnee	KS	66203	
Roseland Park Police Dept.	Chief of Police	4600 West 51st St.	Shawnee	KS	66205	
Jim Wiethan		4500 College Blvd #110	Shawnee Mission	KS	66211	
Leawood Police Dept.	Chief of Police	9617 Lee Boulevard	Shawnee Mission	KS	66206	
Smith County Sheriff's Office	Sheriff Ellsworth Murphy	217 So. Jefferson	Smith Center	KS	66967	
South Haven Fire Department	Eugene Sawyer	PO Box 192	South Haven	KS	67140	
Cheyenne County Sheriff's Office	Sheriff Ray Lee	PO Box 613	St. Francis	KS	67756	
Pottawatomie County Fire Dist.	Milton Toy	PO Box 57	St. George	KS	66535	
Pott. Co. Fire Dist. #10	Gerald Walter	PO Box 50	St. George	KS	66535	
Stafford County Sheriff's Office	Sheriff David R. Heape	PO Box 386	St. John	KS	67576	
Frank Skovold	Rooks Co Sheriff's Office	Courthouse	Stockton	KS	67669	
Stockton Fire Department	Francis Cadoret	1116 Main	Stockton	KS	67669	
Rooks County Sheriff's Office	Sheriff Alvan Johnson	PO Box 193	Stockton	KS	67669	
Haskell County Sheriff's Office	Sheriff John B. Steckel	PO Box 843	Sublette	KS	67877	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Hamilton County Sheriff's Office	Sheriff Terry Hazen	PO Box 764	Syracuse	KS	67878	
Kansas Association of Counties	Attn: Sally Ferrel	212 SW Seventh Street	Topeka	KS	66603	
Board of EMS	Attn: Joe Moreland	109 West Sixth	Topeka	KS	66603	
Kansas Assn of School Boards	Attn: Janelle Albertson	5401 SW 7th St.	Topeka	KS	66606	
League of Kansas Municipalities	Attn: Wendy Murray	112 West 7th	Topeka	KS	66603	
Major David Hornbaker	Kansas Highway Patrol	122 S. W. 7th	Topeka	KS	66603	913 296 6800
Clark Hatch	KDOT, Construction & Maintenance	Docking State Office Building	Topeka	KS	66612	913 296 3661
Jerald Jennings	Deputy Director	900 SW Jackson St.	Topeka	KS	66612	913 296 4189
Gary Arnett	Telecommunication					
ADJUTANT GENERAL'S DEPARTMENT	Midland International	6715 SW Windsong	Topeka	KS	66619	913 862 3909
Floyd O. Duell	Div of Emergency Preparedness	PO Box C-300	Topeka	KS	66601	
Vicky Harris		5506 SW 15th Terr.	Topeka	KS	66604	
Edward A. Humston, Jr.		2519 Ashworth Pl	Topeka	KS	66614	
Galen Unscheid		125 Jackson St.	Topeka	KS	66603	
Topeka Fire Department		704 NE Freeman Ave.	Topeka	KS	66616	
Kansas Air National Guard	Joe Douglas, Jr.	324 Jefferson	Topeka	KS	66607	
Joseph F. Acton	Michael Smith	190th Air Refueling Group	Topeka	KS	66620	
State Fire Marshall Office	Director of Safety NTAA	Box 19053	Topeka	KS	66619	
Topeka Fire Department	John E. Coslett	900 S.W. Jackson Suite 901	Topeka	KS	66612	
Soldier Township Fire Department	Casey Jones	324 Jefferson	Topeka	KS	66603	
Topeka Police Department	Richard Maginot	600 NW 46th	Topeka	KS	66617	
Shawnee County Sheriff's Office	Chief of Police	204 West 5th	Topeka	KS	66601	
Shawnee County Sheriff's Office	Sheriff Ed E. Ritchie	200 E. 7th St.	Topeka	KS	66603	
Greeley County Sheriff's Office	Sgt. Mark Wanamaker	200 East 7th	Topeka	KS	66603	
Doniphan County Sheriff's Office	Sheriff Steve A. Schmidt	PO Box K	Tribune	KS	67879	
Grant County Sheriff's Office	Sheriff Jerry K. Dubach	PO Box 32	Troy	KS	66087	
Valley Center Fire Department	Sheriff Lonnie Lee	210 East Central	Ulysses	KS	67880	
Valley Center Fire Department	Guy E. Sawhill	142 S. Meridian	Valley Center	KS	67147	
Wakeeney Fire Department	Bob Tormey	1423 S. Meridian	Valley Center	KS	67147	
Trego Co. Rural Fire Dept. South	Don Dietz	326 Barclay	Wakeeney	KS	67672	
Trego County Sheriff's Office	Tim D. Hager	13 South Avenue	Wakeeney	KS	67672	
	Sheriff J. Dean Ochs	525 Warren	Wakeeney	KS	67672	

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Wamego Police Department	Chief of Police	428 Lincoln	Wamego	KS	66547	
Washington County Sheriff's Office	Sheriff John Wiley Kerr	23 C. Street	Washington	KS	66968	
Kenneth G. Easterly		1122 E. 7th St.	Wellington	KS	67152	
Wellington Fire Department	Darle Robinson	217 N. Jefferson	Wellington	KS	67152	
Sumner County Sheriff's Office	Sheriff Brad K. Clum	PO Box 277	Wellington	KS	67152	
Wellington Police Dept.	Chief of Police	114 West 7th	Wellington	KS	67152	
Pottawatomie Co. Sheriff's Office	Sheriff Steven F. Harkness	PO Box 250	Westmoreland	KS	66549	
Westwood Police Dept.	Chief of Police	1900 West 47th Place	Westwood	KS	66205	
Kenneth Duckworth		2908 S. Fern St.	Wichita	KS	67217	
Suzy Hill	Wichita Police Dept.	455 N. Main St.	Wichita	KS	67202	
Debbie Hoskins	Wichita Police Dept.	455 N. Main St.	Wichita	KS	67202	
Wichita Fire Department	Jim E. Sparr	455 North Main, 12th Floor	Wichita	KS	67202	
Sedgwick Co. Fire Department	Gary L. Nichols	4343 North Woodlawn	Wichita	KS	67220	
Wichita State Univ. Fire Department	Robert J. Sutton	2000 Gentry, Box 3	Wichita	KS	67220	
Boeing Military Airplane Company	W.R. Robberson, Fire Chief		Wichita	KS	67210	
Nathaniel Addlemann	Fire Chief, Prot. Engineering	PO Box 7730	Wichita	KS	67277	
James C. Ashton, Jr.	Mgr., Sec & Fire Protection	PO Box 7730	Wichita	KS	67227	
Mid Continent Air Safety	Gary E. Bauer	2193 Air Cargo Road	Wichita	KS	67209	
Wichita Airport Authority	John Brierly, Sr.	2193 Air Cargo Road	Wichita	KS	67209	
Wichita Fire Department	Walter E. Campbell	455 No. Main, 12th Floor	Wichita	KS	67202	
Sedgwick Co. Fire Department	Kenneth W. Cox	4343 N. Woodlawn	Wichita	KS	67220	
Wichita Fire Department	Floyd A. Crawford	455 No. Main 12th Floor	Wichita	KS	67202	
Wichita Fire Department	Larry Garcia	455 N. Main 12th Floor	Wichita	KS	67202	
Sedgwick County Fire Department	H. A. (Buck) Hartley	4343 N. Woodlawn	Wichita	KS	67220	
Boeing Airplane Co.	Roger F. Xanders	3801 S. Oliver Box 7730	Wichita	KS	67277	
Wichita Police Dept.	Chief of Police	455 North Main St.	Wichita	KS	67202	
Sedgwick County Sheriff's Office	Sheriff Michael D. Hill	525 No. Main	Wichita	KS	67203	
Wichita State University	Police Department	1845 N. Fairmount PO Box 2	Wichita	KS	67208	
Winfield Fire Department	George M. Gurley	817 Fuller	Winfield	KS	67156	
Winfield State Hosp & TC	Elmer Griffith	Box 548	Winfield	KS	67156	
Cowley County Sheriff's Office	Sheriff Bob O'Dell	PO Box 47	Winfield	KS	67156	
Winfield Police Dept.	Chief of Police	812 Millington	Winfield	KS	67156	
Woodson County Sheriff's Office	Sheriff Mark Brilke	PO Box 272	Yates Center	KS	66783	

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Topeka Fire Department	Richard Bradshaw	324 Jefferson	Topeka	Ks	66603	
Editor	NETWORK WORLD	375 Cochituate Road	Framingham	MA	01701	
Director	NATIONAL SECURITY AGENCY		Fort George G. Meade	MD	20755	
Executive Director	INT'L ASS'N OF CHIEFS OF POLICE	13 Firstfield Rd, PO Box 6010	Gaithersburg	MD	20878	
Editor	INDUSTRIAL COMMUNICATIONS	7811 Montrose Road	Potomac	MD	20854	
Sam Gargaro	Minnesota Dept. of Transportation	455 Rice Street	St Paul	MN	55103	612 296 7402
Don Gadney, Frequency Coordinator	Electronic Comm. Office	Transportation Building	St Paul	MN	55155	612 296 7421
Mike Gray	MO Frequency Coordinator	RR 01 Box 85	Henley	MO	65040	314 751 6356
Jim Lundsted, Comm. Engr.	Missouri Highway Patrol	PO Box 568	Jefferson City	MO	65102	314 751 3747
Sharon Scott	Federal Communications Commission	8800 E. 63rd St.	Kansas City	MO	64133	
Vic Miles	Kansas City Mo. Fire Department	414 E. 22nd St.	Kansas City	MO	64108	816 471 1823
Vic Miles 800 Mhz Convenor	Kansas City, MO Fire Department	414 E. 22nd St.	Kansas City	MO	64108	816 471 1823
Michael Hogan	NE 800 Mhz Chairman	PO Box 83111	Lincoln	NE	68501	402 471 2761
Editor	COMMUNICATIONS WEEK	600 Community Drive	Manhasset	NY	11030	
Gary Adams OK 800 Mhz Chairman	Captain of Turnpikes	PO Box 11415	Oklahoma City	OK	73136	405 425 2019
Executive Director	FOREST INDUSTRIES	PO Box 5446	Eugene	OR	97405	
Mr. Bob Kellow	TELECOMMUNICATION					
	AMERICAN COLLEGE OF EMER PHYSICIANS	PO Box 619911	Dallas	TX	75261	
Regional Director	FEDERAL EMERGENCY MGT. AGENCY	300 N. Loop 288	Denton	TX	76201	
Executive Director	INT'L MUNICIPAL SIGNAL ASSOCIATION	PO Box 8249	Fort Worth	TX	76112	
Executive Director	NABER	1501 Duke St. Suite 200	Alexandria	VA	22314	
Mr. Garth G. Shibbes	NATIONAL COMMUNICATIONS SYSTEM	8th and S. Courthouse Road	Arlington	VA	22204	
Editor	FCC WEEK	1300 North 17th Street	Arlington	VA	22209	
Executive Director	Forestry-Conservation Communication	PO Box 3758	Charlottesville	VA	22903	

June 14, 1989

Joe Moreland
Planning & Regulation Coordinator
Board of EMS
109 SW 6th
Topeka, KS 66603

Dear Joe:

Here is the "story" on the 800 Mhz planning committee. I would certainly appreciate any publicity you can give this information. I am required to have the information to all parties possible not later than July 22, 1989. If you wish to make any major changes, please consult with me first so that the technicalities of the story are not affected. Also enclosed is the official notice which I am required to circulate to all Public Safety entities.

Since I and many others will be taking a vacation in August, that would be a poor time for such an important event. I am concerned that the State Fair and other early September meetings would interfere. The 20th of September seemed to be a good compromise. Please note the telephone number at the Red Coach Inn for reservations is 1-800-332-0047.

My telephone number at the top of the page is good anywhere. In Topeka, the Turnpike listing in the business pages shows the "Wichita Office" as a direct dial number of 266 5216. That number will reach me even if I am on the road. We do have a good communications system.

Thanks for your help. Please, may I receive a copy of any publicity you give this with the notice and other information in it for the records which I must keep for the FCC?

Carl Fisher
Convenor, Region 16 Committee

Encl: Notice for circulation
800 Mhz Regional Planning Committee story. (2 pages)

June 2, 1989

Wendy Murray
League of Kansas Municipalities
112 W. 7th
Topeka, KS 66603

Dear Wendy:

Here is the "story" I promised to you. If you wish to make any major changes, please consult with me first so that the technicalities of the story are not affected. Also enclosed is the official notice which I am required to circulate to all Public Safety entities at least 60 days in advance of the meeting itself.

Since I am taking a vacation in August, along with many others, that would be a poor time for such an important event. I am concerned that the State Fair and other early September meetings would interfere. The 20th of September seemed to be a good compromise. I didn't include it in the announcement, but the telephone number at the Red Coach Inn for reservations is 1-800-332-0047.

My telephone number at the top of the page is good anywhere. In Topeka, the Turnpike listing in the business pages shows the "Wichita Office" as a direct dial number of 266 5216. That number will reach me even if I am on the road. We do have a good communications system.

Thanks for your help. Please, may I receive a copy of the edition with the notice and other information in it for the records which I must keep for the FCC?

Carl Fisher
Director of Communications

Encl: Notice for circulation, dated June 2
800 Mhz Regional Planning Committee story. (2 pages)

THE 800 MHZ REGIONAL PLANNING COMMITTEE

Whether it is an emergency or normal everyday operation, people who work for any arm of the government take it for granted that they may pick up a radio microphone and make immediate contact with a dispatcher or fellow worker for help or information. In many areas, even in the State of Kansas, expansion of the use of radios is not possible due to lack of channels. This is true all over our nation. Recognizing this need, Congress required the Federal Communications Commission to allocate additional radio channels to "Public Safety Agencies". Those include Police, Fire, Local Government, Highway Maintenance, Forestry and Conservation agencies and "Special Emergency Radio Services", which covers the EMS groups.

The FCC complied, but required each area of the country to justify the allocation of this valuable resource. As a result, "Public Safety Planning Committees" have been set up in 48 regions of the country by the FCC. The entire state of Kansas is Region 16. The Associated Public Safety Communications Officers (APCO) was charged with organizing the initial meeting. In Kansas, the originally appointed convenor found he could not complete the task ahead. On May 5, 1989, Carl Fisher, Director of Communications for the Kansas Turnpike was appointed to the task.

The new channels being assigned are much higher in frequency than most agencies are presently using. For example, many Sheriff's radios operate on 39.58 Mhz, many city police and fire radios operate in the 150 Mhz or 460 Mhz band. The new frequencies are in the 800 Mhz band. Consequently, new radios will be required to utilize them. Presently, only the larger cities in

Kansas are using radios in (another area of) the 800 Mhz band. None of the new frequencies will be available until the work of the planning committee is completed and accepted by the FCC. A new technology will be required which can be compared to Cellular telephones in its operation. However, a County or large city could utilize less radio channels than at present by the use of this "trunking" technology. Such technology, while utilizing the same radio channels for many different services, allows each service to hear only the communications for their particular operation. Thus, police do not hear nor are they heard by the EMS or garbage trucks or street maintenance people. Each hears only their own group. There are common channels provided so that all may talk together, or the dispatcher may "patch" two groups together for a temporary condition. One of the major benefits is the lack of "skip conditions" which interferes with operations in the lower bands. Another is the privacy which is provided. Radio scanner enthusiasts now often monitor specific channels to hear the police, etc. The technology may place the conversation on one channel for a while, then move it to another, but direct the affected radios to follow to the new channel.

The called meeting for the Planning Committee is for the purpose of explaining the process, answering questions which may arise, and to elect a chairperson of the Planning Committee. The work of the committee may well take as long as a year to complete. The committee members will all be volunteers in the good old US tradition, since no funding is available at this time.

NEW RADIO CHANNELS TO BE MADE AVAILABLE

As a part of everyday practice, many veterinarians use two-way radio to stay in communication with their office. Availability of these radios is often taken for granted. For the radio to be useable, frequencies must be made available, a license is required from FCC, and both mobile and base station equipment must be acquired and placed into operation.

In many areas of the country, new frequencies are not available to a beginning practice or to an old practice needing to expand. The FCC recently made available a block of frequencies in the 800 MHz band for all two-way radio users. This has resulted in availability of some new technology enabling more use of the limited spectrum available. In many of our cities, contractors known as Specialized Mobile Radio Service providers have made available radio channels on a contract basis to plumbers, electricians, contractors, veterinarians, school buses, and others. By using a technology known as "trunking", five channels might allow twenty different businesses to use a radio without interfering with the other users. Each business will hear only traffic intended for itself.

Public safety agencies such as police, fire, EMS, cities, etc. are also eligible for these frequencies. Those groups have a much longer planning and finance cycle than does private business. They appealed to Congress to have a block of frequencies set aside for Public Safety and for Special Emergency Radio Service (SERS). Veterinarians are eligible under the SERS category. Congress directed the FCC to set aside a block of six MHz for

Public Safety and SERS. The FCC did so, but placed a stipulation on the allocation that each Region develop a Plan to efficiently and fairly allocate the frequencies before any could be assigned. The State of Kansas is Region 16. The organization known as the Associated Public Safety Communications Officers (APCO) was given the job of creating such a Plan in each Region.

In the State of Kansas, Carl Fisher, Director of Communications for the Kansas Turnpike, was named Chairman of the Committee. The Plan is being developed for the State at this time. Input is needed from any veterinarians who might desire a frequency assignment in this part of the spectrum.

The 800 MHz frequency band is slightly higher in frequency than the highest UHF-TV channel. It is characterized as having somewhat smaller coverage than the lower frequencies now in use. It has a lower noise level and is not subject to "skip" experienced in the low frequency band. It will have a wider bandpass on each channel, allowing higher speed data to be exchanged. The equipment will be somewhat higher in price. Since additional channels will be made available under this release, those who have had difficulties obtaining channels may be able to secure them under this plan.

If you would like additional information or would like to have your practice included in the Kansas Plan, please answer the following questions, and return to Carl Fisher, Director of Communications, Kansas Turnpike Authority, Box 780007, Wichita, KS, 67278. Phone 316-682-4537. Deadline, April 1, 1990.

1. Name: _____
2. Address: _____

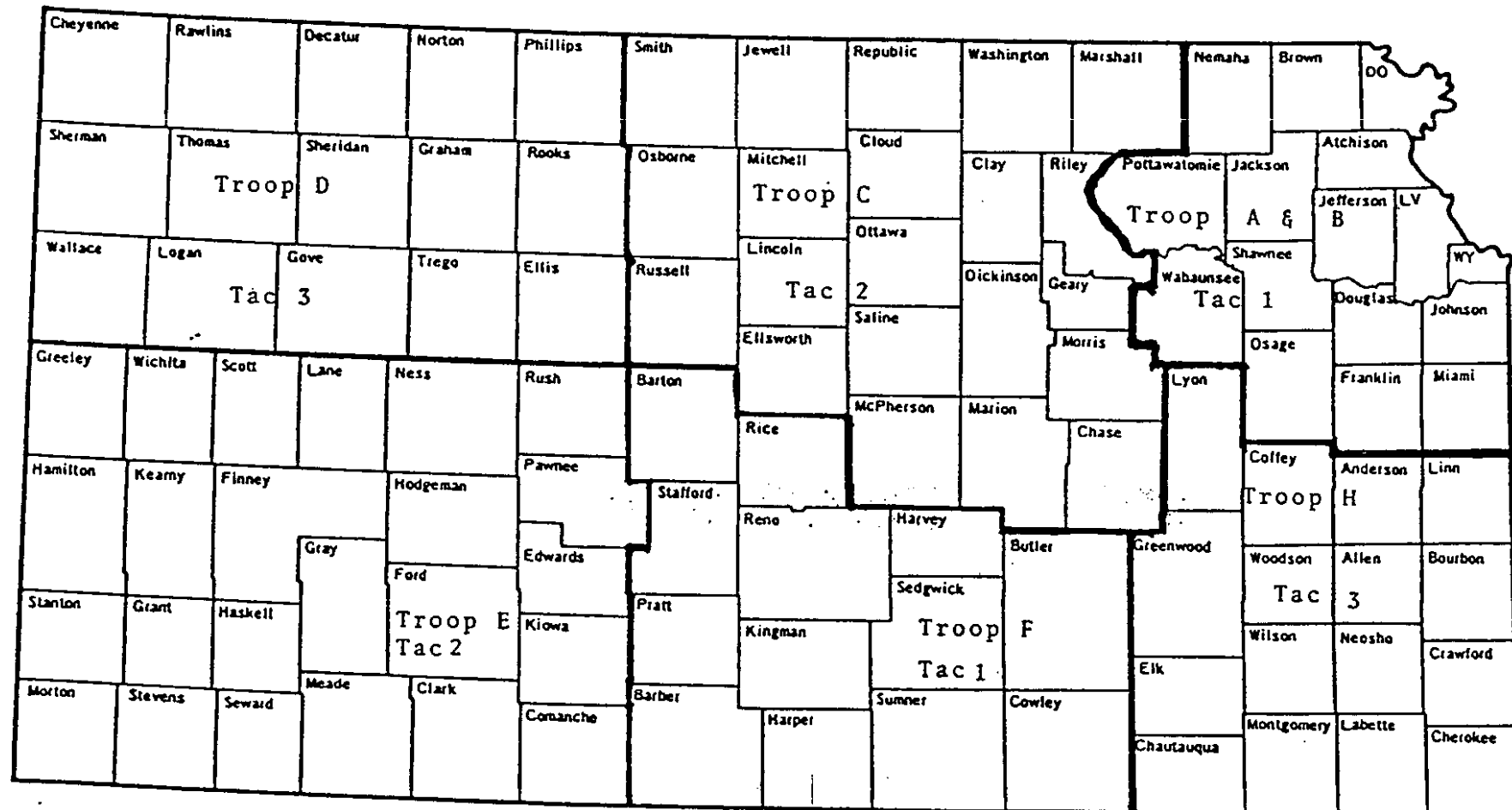
3. Phone Number: _____
4. County and area of operation: _____
5. Radio frequencies presently used: _____
6. Number of base stations: _____
7. Number of mobiles and hand held: _____
8. Do you have plans to alter your system in the future?
A. Yes () B. No ()
9. If yes, please explain: _____

10. If you acquire frequencies in the new spectrum, what frequencies you now have would you release for reassignment? _____
11. Is there a possibility that such new channels could be shared with other eligible users? _____
12. Is your practice a part of a County Emergency Plan?

13. Estimated air time required per day: _____
14. Will funding be available for a new system if included in this plan and licensed by the FCC? _____
15. What other options are available to you in your locality to provide the radio service you need? _____

Add additional sheets as required to fully answer the questions. Be certain to identify any additional sheet(s) with the name of your practice. Inclusion in the Plan is not a license in itself. However, obtaining a license will be much simplified if included. Requests to be included in the Plan signify an intent to proceed within the next seven years.

COUNTY LOCATIONS FOR THE STATE OF KANSAS



Do = Doniphan Lv = Leavenworth Wy = Wyandotte
 Kansas Highway Patrol "Troop areas". Troop A includes
 Leavenworth, Wyandotte, Johnson, and Miami Counties.

January 15, 1990

Greetings:

The Federal Communications Commission is making new portions of the radio spectrum available for use by Public Safety and Special Emergency Radio Services organizations. However, before the FCC will grant licenses in this new spectrum (821-824 & 866-869 MHz), a Regional Plan, showing a coordinated approach to spectrum allocation among the various eligible users, must be submitted.

Such a plan is being developed by representatives from the State of Kansas. All Public Safety Agencies and Special Emergency eligibles in Kansas are being considered as potential users of this 800 MHz radio spectrum.

You will find a questionnaire enclosed which has been developed by the Regional Planning Committee. It is designed to obtain information which is vital to the planning process. We strongly urge you to complete and return this questionnaire. Without your input at this time, your needs for voice and data communications will not be known. Without the information, your needs will not be considered in our Regional Plan.

We realize that you may not have exact or detailed information about your current situation readily at hand. We also realize it is difficult to project trends and needs for fifteen years in the future. It is in your Agency's best interest to compile and report data as accurately as possible. You should report your best estimates for unverifiable data.

The questionnaire must be completed and returned to the individual whose name appears on the front of your questionnaire. We must have the information by March 1, 1990.

Thank you,

Carl Fisher, Chairman

Enclosure

KANSAS (REGION 16) 800 MHZ REGIONAL PLANNING COMMITTEE

RADIO USER QUESTIONNAIRE

INSTRUCTIONS:

This questionnaire is designed to obtain information from potential users of newly available radio spectrum in the 821-824 and 866-869 megahertz ranges. Many of the items only require a choice or choices to be checked. Where blank lines are provided for longer answers, please PRINT or TYPE the information asked for. If the space given is not enough to accommodate your answer, you may continue printing the information on the extra "Comments" sheet attached to the end of this survey. If you do this, please indicate "Continued" on the answer line, and specify the Section and Question numbers on the Comments page.

Please print the name of your organization/agency at the top of each page in the space provided. When you have completed the questionnaire, return it to your Task leader for the Region 16 Planning Committee. The name and address is listed below. Should you have any questions regarding this survey you may call:

() _____.

Remember, in order to have your input considered in the Regional Plan, you must return this questionnaire no later than March 15, 1990.

A - a list of Regional plan committees attached.

Return this completed questionnaire to:

KANSAS 800 MHZ REGIONAL PLANNING COMMITTEE

c/o: _____

SECTION I

GENERAL INFORMATION

1. NAME OF AGENCY: _____
2. ADDRESS: _____

3. PHONE NUMBER: _____
4. CONTACT PERSON: _____
&
TITLE _____
5. TYPE(S) OF SERVICE: (Check all that apply)

(A) <input type="checkbox"/> Police	(G) <input type="checkbox"/> Highway Maintenance
(B) <input type="checkbox"/> Medical Services	(H) <input type="checkbox"/> Disaster Relief
(C) <input type="checkbox"/> Forestry/Conservation	(I) <input type="checkbox"/> School Bus
(D) <input type="checkbox"/> Rescue	(J) <input type="checkbox"/> Veterinarian
(E) <input type="checkbox"/> Fire	(K) <input type="checkbox"/> Other (please specify)
(F) <input type="checkbox"/> Local Government	_____
6. DOES YOUR AGENCY UTILIZE A MULTI-AGENCY DISPATCH SERVICE?

(A) Yes <input type="checkbox"/>	(B) No <input type="checkbox"/>
----------------------------------	---------------------------------
7. IS YOUR COMMUNICATION SYSTEM ADEQUATE TO FULFILL YOUR IMMEDIATE REQUIREMENTS?

(A) Yes <input type="checkbox"/>	(B) No <input type="checkbox"/>
----------------------------------	---------------------------------
8. IS YOUR COMMUNICATION SYSTEM ADEQUATE TO FULFILL YOUR LONG RANGE REQUIREMENTS?

(A) Yes <input type="checkbox"/>	(B) No <input type="checkbox"/>
----------------------------------	---------------------------------
9. IS FUNDING FOR A NEW SYSTEM:

(A) Committed <input type="checkbox"/>	(B) Anticipated <input type="checkbox"/>
(C) Planning Stages <input type="checkbox"/>	(D) Not Projected <input type="checkbox"/>

AGENCY: _____

SECTION II

DEMOGRAPHIC INFORMATION

1. DOES YOUR SERVICE AREA ENCOMPASS. . .

- (A) One County () (B) Multiple Counties ()
(C) State () (D) Other ()
- _____

2. PLEASE LIST THE COUNTY NAME(S)

3. DOES YOUR SERVICE AREA ENCOMPASS

- (A) One City/Town () (B) Multiple Cities/Towns ()

4. PLEASE LIST THE CITY/TOWN NAME(S)

5. IS YOUR SERVICE AREA POPULATION:

- (A) Over 200,000 () (B) Over 50,000 ()
(C) Over 10,000 () (D) Under 10,000 ()

6. WHAT IS THE SIZE OF YOUR SERVICE AREA?

_____ Square Miles

AGENCY: _____

SECTION III
FREQUENCY NEEDS

1. DO YOU HAVE PLANS TO ALTER YOUR RADIO SYSTEM IN THE FUTURE?

(A) Yes ()

(B) No ()

2. IF YOU DO, PLEASE GIVE A BRIEF DESCRIPTION OF YOUR PLANS:

3. HAS IT BEEN NECESSARY TO USE ALTERNATE METHODS OF COMMUNICATION BECAUSE OF INSUFFICIENT RADIO CHANNELS FOR EITHER FINANCIAL REASONS OR SPECTRUM UNAVAILABILITY?

(A) Yes ()

(B) No ()

4. IF YES, PLEASE EXPLAIN: _____

5. HAVE YOU HAD TO BORROW, SHARE, OR LEASE RADIO FREQUENCIES FROM OTHER AGENCIES IN ORDER TO MAINTAIN YOUR OPERATION?

(A) Yes ()

(B) No ()

6. HOW OFTEN DOES YOUR AGENCY ENCOUNTER "WAIT TIME" TO ACCESS A RADIO CHANNEL FOR VOICE TRANSMISSIONS FROM THE FIELD?

(A) Never ()	(B) Seldom ()	(C) Sometimes ()	(D) Often ()
	Less than	More than	More than
	once/week	once/week	once/shift

7. ON THE AVERAGE, HOW MANY VOICE TRANSMISSIONS DOES YOUR AGENCY MAKE PER HOUR?

8. HOW MANY VOICE TRANSMISSIONS MIGHT OCCUR DURING YOUR BUSIEST HOUR?

AGENCY: _____

SECTION III (CONT'D)

9. WHAT IS THE AVERAGE LENGTH OF AIR TIME USED PER VOICE TRANSMISSION?

10. DO YOU HAVE ANY PLANS TO EXPAND YOUR USE OF RADIO FREQUENCIES FOR DATA TRANSMISSIONS?

(A) Yes ()

(B) No ()

11. DO YOU HAVE ANY PLANS TO USE VOICE ENCRYPTION TECHNOLOGY TO PROVIDE PRIVATE AND SECURE RADIO TRANSMISSIONS?

(A) Yes ()

(B) No ()

12. DO YOU HAVE PLANS TO INCORPORATE CONNECTIONS TO THE PUBLIC TELEPHONE SYSTEM WITH YOUR MOBILE OR PORTABLE RADIOS?

(A) Yes ()

(B) No ()

13. IF YOU ANSWERED "YES" TO QUESTION 12, PLEASE INDICATE THE APPROXIMATE NUMBER OF MOBILE UNITS TO BE EQUIPPED:

Mobiles _____

Portables _____

14. HOW MANY 800 MHZ RADIO FREQUENCIES DO YOU EXPECT YOUR AGENCY WOULD NEED. . . (if none, please indicate zero)

Now

In 1995

In 2005

15. IF YOU ACQUIRE RADIO FREQUENCIES IN THE NEWLY ALLOCATED SPECTRUM, WHAT FREQUENCIES YOU NOW HAVE WOULD YOU RELEASE FOR REASSIGNMENT?

16. PLEASE LIST ANY OTHER AGENCIES/ORGANIZATION WITH WHOM YOU WOULD NEED RADIO COMMUNICATIONS IN THE EVENT OF A DISASTER OR LARGE SCALE EMERGENCY:

AGENCY: _____

SECTION IV

EQUIPMENT

1. FOR THE FOLLOWING, PLEASE INDICATE THE TOTAL NUMBER OF UNITS YOUR AGENCY OWNS OR OPERATES NOW, AND ESTIMATE FOR THE YEARS LISTED.

(Use your existing or projected system for all categories.)

	NOW	1995	2005
MOBILE RADIOS	_____	_____	_____
PORTABLE (HANDHELD) RADIOS	_____	_____	_____
MOBILE COMPUTER TERMINALS	_____	_____	_____
AUTOMATIC VEHICLE LOCATORS	_____	_____	_____
RADIO CONTROL LINKS	_____	_____	_____
RADIO ALARM/CONTROL SYSTEMS	_____	_____	_____
VEHICULAR REPEATERS	_____	_____	_____
TRANSMITTER/REPEATERS (BASE STATION)	_____	_____	_____

2. PLEASE INDICATE THE MAXIMUM NUMBER OF UNITS PRESENTLY IN USE AT ANY GIVEN TIME, AND ESTIMATED FOR THE YEARS LISTED. (Use your existing or projected system for all categories.)

	NOW	1995	2005
MOBILE RADIOS	_____	_____	_____
PORTABLE (HANDHELD) RADIOS	_____	_____	_____
MOBILE COMPUTER TERMINALS	_____	_____	_____
AUTOMATIC VEHICLE LOCATORS	_____	_____	_____
RADIO CONTROL LINKS	_____	_____	_____
RADIO ALARM/CONTROL SYSTEMS	_____	_____	_____
VEHICULAR REPEATERS	_____	_____	_____
TRANSMITTER/REPEATERS (BASE STATION)	_____	_____	_____

AGENCY: _____

SECTION &
QUESTION
NUMBER

ADDITIONAL COMMENTS

[illegible]

800 MHZ KANSAS ASSIGNMENTS
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
601	821.0125	866.0125	MUTUAL AID CALL
602	821.0375	866.0375	HARVEY COUNTY
602	821.0375	866.0375	EDWARDS COUNTY
602	821.0375	866.0375	NEMAHA COUNTY
602	821.0375	866.0375	JEWELL COUNTY
602	821.0375	866.0375	NORTON COUNTY
602	821.0375	866.0375	CHEYENNE COUNTY
602	821.0375	866.0375	LINN COUNTY
602	821.0375	866.0375	MONTGOMERY COUNTY
602	821.0375	866.0375	HARPER COUNTY
602	821.0375	866.0375	WICHITA COUNTY
602	821.0375	866.0375	GEARY COUNTY
602	821.0375	866.0375	LEAVENWORTH COUNTY
603	821.0500	866.0500	GRAY COUNTY
603	821.0500	866.0500	WASHINGTON COUNTY
603	821.0500	866.0500	RUSSELL COUNTY
603	821.0500	866.0500	GOVE COUNTY
603	821.0500	866.0500	WOODSON COUNTY
603	821.0500	866.0500	CHEROKEE COUNTY
603	821.0500	866.0500	SHAWNEE COUNTY
604	821.0625	866.0625	BROWN COUNTY
604	821.0625	866.0625	SMITH COUNTY
604	821.0625	866.0625	OTTAWA COUNTY
604	821.0625	866.0625	DECATUR COUNTY
604	821.0625	866.0625	GRANT COUNTY
604	821.0625	866.0625	MIAMI COUNTY
604	821.0625	866.0625	COWLEY COUNTY
604	821.0625	866.0625	PRATT COUNTY
605	821.0750	866.0750	LYON COUNTY
605	821.0750	866.0750	MARSHALL COUNTY
605	821.0750	866.0750	ELLIS COUNTY
605	821.0750	866.0750	MCPHERSON COUNTY
605	821.0750	866.0750	BOURBON COUNTY
605	821.0750	866.0750	FORD COUNTY
605	821.0750	866.0750	WYANDOTTE COUNTY
606	821.0875	866.0875	UNASSIGNED
607	821.1000	866.1000	STATEWIDE
608	821.1125	866.1125	UNASSIGNED
609	821.1250	866.1250	STATEWIDE
610	821.1375	866.1375	UNASSIGNED
611	821.1500	866.1500	STATEWIDE
612	821.1500	866.1500	UNASSIGNED
613	821.1750	866.1750	STATEWIDE
614	821.1875	866.1875	UNASSIGNED
615	821.2000	866.2000	REPUBLIC COUNTY
615	821.2000	866.2000	GRAHAM COUNTY
615	821.2000	866.2000	BARTON COUNTY
615	821.2000	866.2000	SHERMAN COUNTY
615	821.2000	866.2000	ANDERSON COUNTY
615	821.2000	866.2000	SUMNER COUNTY

800 MHZ KANSAS ASSIGNMENTS
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
615	821.2000	866.2000	STANTON COUNTY
615	821.2000	866.2000	COMANCHE COUNTY
615	821.2000	866.2000	JACKSON COUNTY
615	821.2000	866.2000	WYANDOTTE COUNTY
616	821.2125	866.2125	OSBORNE COUNTY
616	821.2125	866.2125	NESS COUNTY
616	821.2125	866.2125	DICKINSON COUNTY
616	821.2125	866.2125	NEOSHO COUNTY
616	821.2125	866.2125	MEADE COUNTY
616	821.2125	866.2125	DONIPHAN COUNTY
617	821.2250	866.2250	CLOUD COUNTY
617	821.2250	866.2250	SHERIDAN COUNTY
617	821.2250	866.2250	BARTON COUNTY
617	821.2250	866.2250	WALLACE COUNTY
617	821.2250	866.2250	FRANKLIN COUNTY
617	821.2250	866.2250	MORTON COUNTY
617	821.2250	866.2250	SEDGWICK COUNTY
618	821.2375	866.2375	PHILLIPS COUNTY
618	821.2375	866.2375	LANE COUNTY
618	821.2375	866.2375	SALINE COUNTY
618	821.2375	866.2375	WILSON COUNTY
618	821.2375	866.2375	KIOWA COUNTY
618	821.2375	866.2375	HASKELL COUNTY
618	821.2375	866.2375	JEFFERSON COUNTY
619	821.2500	866.2500	MITCHELL COUNTY
619	821.2500	866.2500	RUSH COUNTY
619	821.2500	866.2500	RAWLINS COUNTY
619	821.2500	866.2500	COFFEY COUNTY
619	821.2500	866.2500	CRAWFORD COUNTY
619	821.2500	866.2500	GREELEY COUNTY
619	821.2500	866.2500	SEDGWICK COUNTY
619	821.2500	866.2500	POTTAWOMIE COUNTY
620	821.2625	866.2625	ROOKS COUNTY
620	821.2625	866.2625	CHASE COUNTY
620	821.2625	866.2625	SCOTT COUNTY
620	821.2625	866.2625	FORD COUNTY
620	821.2625	866.2625	JOHNSON COUNTY
620	821.2625	866.2625	RICE COUNTY
620	821.2625	866.2625	CLAY COUNTY
620	821.2625	866.2625	CHATAUQUA COUNTY
621	821.2750	866.2750	LINCOLN COUNTY
621	821.2750	866.2750	THOMAS COUNTY
621	821.2750	866.2750	CRAWFORD COUNTY
621	821.2750	866.2750	SEWARD COUNTY
621	821.2750	866.2750	OSAGE COUNTY
621	821.2750	866.2750	ATCHISON COUNTY
622	821.2875	866.2875	EDWARDS COUNTY
622	821.2875	866.2875	HARVEY COUNTY
622	821.2875	866.2875	TREGO COUNTY
622	821.2875	866.2875	LINN COUNTY

800 MHZ KANSAS ASSIGNMENTS
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
622	821.2875	866.2875	MONTGOMERY COUNTY
622	821.2875	866.2875	HARPER COUNTY
622	821.2875	866.2875	WICHITA COUNTY
623	821.3000	866.3000	GRAY COUNTY
623	821.3000	866.3000	RUSSELL COUNTY
623	821.3000	866.3000	WOODSON COUNTY
623	821.3000	866.3000	MORRIS COUNTY
624	821.3125	866.3125	OTTAWA COUNTY
624	821.3125	866.3125	GOVE COUNTY
624	821.3125	866.3125	MIAMI COUNTY
624	821.3125	866.3125	CHEROKEE COUNTY
624	821.3125	866.3125	COWLEY COUNTY
624	821.3125	866.3125	PRATT COUNTY
624	821.3125	866.3125	GRANT COUNTY
625	821.3250	866.3250	LYON COUNTY
625	821.3250	866.3250	JEWELL COUNTY
625	821.3250	866.3250	ELLIS COUNTY
625	821.3250	866.3250	CHEYENNE COUNTY
625	821.3250	866.3250	BOURBON COUNTY
625	821.3250	866.3250	FORD COUNTY
626	821.3375	866.3375	LOGAN COUNTY
626	821.3375	866.3375	SALINE COUNTY
626	821.3375	866.3375	LABETTE COUNTY
626	821.3375	866.3375	PAWNEE COUNTY
626	821.3375	866.3375	STEVENS COUNTY
626	821.3375	866.3375	JOHNSON COUNTY
626	821.3375	866.3375	SEDGWICK COUNTY
627	821.3500	866.3500	ELLIS COUNTY
627	821.3500	866.3500	ALLEN COUNTY
627	821.3500	866.3500	CLARK COUNTY
627	821.3500	866.3500	HAMILTON COUNTY
627	821.3500	866.3500	GEARY COUNTY
628	821.3625	866.3625	MCPHERSON COUNTY
628	821.3625	866.3625	JOHNSON COUNTY
628	821.3625	866.3625	GREENWOOD COUNTY
628	821.3625	866.3625	BARBER COUNTY
628	821.3625	866.3625	HODGEMAN COUNTY
629	821.3750	866.3750	STAFFORD COUNTY
629	821.3750	866.3750	SEDGWICK COUNTY
629	821.3750	866.3750	KEARNEY COUNTY
629	821.3750	866.3750	RILEY COUNTY
630	821.3875	866.3875	ELLSWORTH COUNTY
630	821.3875	866.3875	JOHNSON COUNTY
630	821.3875	866.3875	ELK COUNTY
631	821.4000	866.4000	RENO COUNTY
631	821.4000	866.4000	FINNEY COUNTY
631	821.4000	866.4000	RILEY COUNTY
632	821.4125	866.4125	WYANDOTTE COUNTY
632	821.4125	866.4125	MARION COUNTY
633	821.4250	866.4250	KINGMAN COUNTY

800 MHZ KANSAS ASSIGNMENTS
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
633	821.4250	866.4250	SHAWNEE COUNTY
634	821.4375	866.4375	BROWN COUNTY
634	821.4375	866.4375	WASHINGTON COUNTY
634	821.4375	866.4375	SMITH COUNTY
635	821.4500	866.4500	NORTON COUNTY
635	821.4500	866.4500	BARTON COUNTY
635	821.4500	866.4500	ANDERSON COUNTY
635	821.4500	866.4500	SUMNER COUNTY
635	821.4500	866.4500	COMANCHE COUNTY
635	821.4500	866.4500	WYANDOTTE COUNTY
635	821.4500	866.4500	WABAUNSEE COUNTY
636	821.4625	866.4625	OSBORNE COUNTY
636	821.4625	866.4625	NESS COUNTY
636	821.4625	866.4625	DICKINSON COUNTY
636	821.4625	866.4625	NEOSHO COUNTY
636	821.4625	866.4625	MEADE COUNTY
636	821.4625	866.4625	DONIPHAN COUNTY
637	821.4750	866.4750	NEMAHA COUNTY
637	821.4750	866.4750	DECATUR COUNTY
637	821.4750	866.4750	FRANKLIN COUNTY
637	821.4750	866.4750	SEDGWICK COUNTY
638	821.4875	866.4875	LANE COUNTY
638	821.4875	866.4875	SALINE COUNTY
638	821.4875	866.4875	WILSON COUNTY
638	821.4875	866.4875	KIOWA COUNTY
638	821.4875	866.4875	JEFFERSON COUNTY
639	821.5125	866.5125	MUTUAL AID TAC 1
640	821.5375	866.5375	ROOKS COUNTY
640	821.5375	866.5375	WALLACE COUNTY
640	821.5375	866.5375	COFFEY COUNTY
640	821.5375	866.5375	CRAWFORD COUNTY
640	821.5375	866.5375	HASKELL COUNTY
640	821.5375	866.5375	JOHNSON COUNTY
640	821.5375	866.5375	RICE COUNTY
640	821.5375	866.5375	JACKSON COUNTY
640	821.5375	866.5375	CHATAUQUA COUNTY
641	821.5500	866.5500	MITCHELL COUNTY
641	821.5500	866.5500	RUSH COUNTY
641	821.5500	866.5500	RAWLINS COUNTY
641	821.5500	866.5500	CHASE COUNTY
641	821.5500	866.5500	SCOTT COUNTY
641	821.5500	866.5500	STANTON COUNTY
642	821.5625	866.5625	HARVEY COUNTY
642	821.5625	866.5625	GRAHAM COUNTY
642	821.5625	866.5625	GREELEY COUNTY
642	821.5625	866.5625	SEWARD COUNTY
642	821.5625	866.5625	OSAGE COUNTY
642	821.5625	866.5625	ATCHISON COUNTY
643	821.5750	866.5750	LINCOLN COUNTY
643	821.5750	866.5750	SHERMAN COUNTY